

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-518/51811-82-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
51811-82-6
Code:
M
RTECS:

Code:
X
Name:
GIEMSA STAIN 1

Other REC Limits:
N/K

OSHA PEL:
NOT APPLICABLE

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT APPLICABLE

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS ABOVE 100 PPM, A SELF CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:
USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS 3

Protective Gloves:
RUBBER GLOVES

Eye Protection:
SAFETY GOGGLES AND FACE SHIELD

Other Protective Equipment:
Equipment UNIFORM, PROTECTIVE SUIT

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
AMERICAN HOSPITAL SUPPLY WAS REPLACED BY BAXTER HEALTHCARE CORP. THIS PRODUCT IS PACKAGED TOGETHER WITH A BOTTLE OF BUFFER SALTS.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS 5628 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
VAPORS MAY BE IRRITATING TO SKIN, EYES, NOSE AND THROAT. LIQUID MAY CAUSE DERMATITIS. INHALE: MAY BE HARMFUL OR FATAL. INGEST: MAY CAUSE BLINDNESS.

Explanation Of Carcinogenicity:
NONE SPECIFIED BY MANUFACTURER.

Signs And Symptions Of Overexposure:
NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated By Exposure:
2 NONE SPECIFIED BY MANUFACTURER.

First Aid:
INGEST:IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING. INHALE: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN.

Spill Release Procedures:
WEAR SCBA & FULL PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES; NO FLARES, SMOKING/FLAMES IN AREA. S LEAK IF CAN BE DONE WITH OUT RISK. USE WATER SPRAY TO REDUCE VAPORS. FLUSH WITH WATER.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
TAKE UP W/SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR DISPOSAL. DISPOSE IN ACCORD WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions:
BOND AND GROUND CONTRS WHEN TRANSFERRING LIQUID. KEEP CONTR TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
11C, 51F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
36%

Upper Limits:
7.3%

Extinguishing Media:
USE ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:
WEAR PROPER PROTECTIVE EQUIPMENT & SCBA WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:
VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNIT SOURCES & FLASH BACK.CLOSED CONTR EXPOSED TO HEAT MAY EXPLODE. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

Physical/Chemical Properties

HCC:
F2

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
65C, 149F

Melt/Freeze Pt:

M.P./F.P Text:
-144F,-98C

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
96

Vapor Density:
1.1

Volatile Org Content %:

Spec Gravity:
0.80

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
4.6

Solubility in Water:
COMPLETE

Appearance and Odor:
LIQUID.

Percent Volatiles by Volume:
100

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, FLAME, OTHER SOURCES OF IGNITION.

Materials To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P